



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

February 25, 1985

Mr. Fred W. Gerdeman
Plateau Resources Limited
772 Horizon Drive
Grand Junction, Colorado 81501

Dear Mr. Gerdeman:

RE: Receipt of Annual Operations and Progress Reports (MR-3),
Tony M/Lucky Strike Mine, ACT/017/001, Frank M Mine,
ACT/017/017 and Shootaring Canyon Processing Facility,
ACT/017/016, Garfield County, Utah

Please be informed that the Division of Oil, Gas and Mining has received your Annual Operations and Progress Report (Form MR-3). Your cooperation in submitting this information in a timely manner is appreciated.

Best regards,

Ronald W. Daniels
Acting Administrator
Mineral Resource Development
and Reclamation Program

PGL/btb
0122R-12



0122-12

File ACT/017/017

General Office: 772 Horizon Drive, Grand Junction, CO 81501
Corporate Office: 212 West Michigan Avenue, Jackson, MI 49201
Registered Office: 136 South Main, Salt Lake City, UT 84101
Shooting Canyon Operations: P. O. Box 511, Ticaboo, UT 84734

(303) 245-5460
(517) 788-1942
(801) 534-0734
(801) 788-2120
Mill Office

January 31, 1985

RECEIVED

FEB 4 1985
1 4 1985

DIVISION OF OIL
& MINING
GAS & MINING

State of Utah
Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Re: Annual Report MR-3 ACT/017/001 ACT/017/016 ACT/017/017

Gentlemen:

Enclosed please find the annual operations and progress reports for the above cited projects. Operations remain suspended at all three projects, and we continued to reduce our staffing level in 1984. Maintenance personnel are assigned to the Tony M mine and the Processing Facility to provide security and keep equipment in operable condition for start-up.

The drilling programs associated with the Tony M and Frank M are continuing on an annual basis.

If you have any questions in this matter, please call me at (801) 788-2120.

Sincerely,

Fred W. Gerdeman

Fred W. Gerdeman,
Director of Regulatory Affairs

FWG:bim

encl.

RECEIVED

FEB 04 1985

DIVISION OF OIL
GAS & MINING

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year 1/84
to Month/Year 12/84

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

OPERATOR: Plateau Resources Limited MINE NAME: Tony M / Lucky Strike

ADDRESS: 772 Horizon Drive
Grand Junction, CO 81506-3989

PERMIT NUMBER AND DATE OF PERMIT: ACT 1017/001

REPRESENTATIVE: Fred W. Gerdeman

SECTION(S): 8, 16, 17 and 21 TOWNSHIP(S): 35S RANGE(S): 11E SLBM

MINERAL(S) MINED: uranium

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: Section 16 is Utah
Metalliferous Lease No. 31862

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: _____

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

RECEIVED

FEB 04 1985

DIVISION OF OIL
GAS & MINING

<u>Disturbance</u>	<u>Acreage</u>
Pit	<u>0</u>
Roads	<u>0</u>
Facilities	<u>0</u>
Waste Dumps	<u>0</u>
Other	<u>0</u>

(b) Tabulation of acreage affected to date (by years).

<u>Date by Year</u>	<u>Acreage (Total)</u>
1975	<u>N/A</u>
1976	<u>N/A</u>
1977	<u>N/A</u>
1978	<u>N/A</u>
1979	<u><1</u>
1980	<u><1</u>
1981	<u><1</u>
1982	<u><1</u>
1983	<u><1</u>

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

Area Affected (in mining sequence) (If more space is needed, please attach.)	Area			
	1	2	3	etc.
Acreage of Area				
Depth of Topsoil Removal (inches)				
Depth of Topsoil Replacement (inches)*				
Estimate of Topsoil Volume Salvaged (yd ³ or ac ft)				
Volume Actually Salvaged (yd ³ or ac ft)				
Volume Required for Reclamation (yd ³ or ac ft)				
Surplus or Deficit Volume (yd ³ or ac ft)				
Storage Status (short- or long-term)				

RECEIVED

MR FORM 3
Page 3

1985

Soil Tabulation Chart (continued)

DIVISION OF OIL
GAS & MINING

Area Affected (in mining sequence)	Area			
	1	2	3	etc.
Storage Location				
Area Where Soil Has Been Used (if not stored)				
Running Total (all stockpiles) (yd ³ or ac ft)				
Short-term				
Long-term				

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>

(e) Tabulation of quantity of commodity mined.

	<u>Commodity</u>	<u>Tonnage</u>
(Mined)	- 0 -	
(Milled)	- 0 -	N/A

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

1. Buildings and support facilities.

2. Roads.

RECEIVED

FEB 04 1985

DIVISION OF OIL
GAS & MINING

3. Diversion ditches, collector ditches, interceptor ditches, etc.

4. Culverts.

No new construction. Replaced several old ones.

5. Sediment ponds, containment ponds.

6. Monitoring sites (vegetative, air quality, surface subsidence, surface water or ground water, etc.).

7. Topsoil stockpiles.

(g) Description of any environmental problem areas with a proposed plan for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.

2. Subsidence.

RECEIVED

MR FORM 3
Page 5

1985

DIVISION OF OIL
GAS & MINING

3. Accidental water discharge, dam failure, etc.

4. Slumping, sliding or erosion.

5. Revegetation problem areas.

6. Existence and location of unsuitable (toxic) overburden.

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

Area

Acreage

2. Topsoiled areas.

Area

Acreage

RECEIVED

FEB 04 1985

DIVISION OF OIL
GAS & MINING

3. Seeded areas.

<u>Area</u>	<u>Acreage</u>

4. Reseeded areas (areas previously seeded, then seeded again).

<u>Area</u>	<u>Acreage</u>

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

<u>Year</u>	<u>Acreage</u>
1975	0
1976	0
1977	0
1978	0
1979	0
1980	0
1981	3.2
1982	0
1983	0
1984	0

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.

2. Type of seed (species) used for seeding during the report period.

RECEIVED

FEB 04 1985

DIVISION OF OIL
GAS & MINING

3. Date of seeding during the report period.

Spring _____

Fall _____

4. Seeding procedures used.

(Hand broadcast or drilled or any other).

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

6. Type and rate of fertilizer applied.

7. Type and rate of mulch applied.

8. Rate of irrigation water applied, if any. Please describe any type of sprinkling, or water applied (water truck, etc.).

Same as 1983 report.

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

Same as 1983 report

RECEIVED

FEB 04 1985

DIVISION OF OIL
GAS & MINING

10. Soil analysis results.

(d) Description of results of previous revegetation efforts, including:
(This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.

Same as 1983 report

2. Types (species) of seed that are not growing successfully.

Same as 1983 report

3. Areas experiencing problems with weeds and weed types.

Same as 1983 report

4. Significant erosional problems.

5. Areas of unsuitable overburden on the surface as related to
revegetation failure.

6. Procedures used or proposed to correct these problems.

Same as 1983 report

RECEIVED

FEB 04 1985

DIVISION OF OIL
GAS & MINING

MR FORM 3
Page 9

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>

8. Results of soil analysis.

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

	<u>Acres</u>	<u>Cost/Acre</u>
1. Grading		
2. Backfilling		
3. Contouring		
4. Topsoil Replacement		
5. Seeding		
A. Seedbed Preparation		
B. Mulch		
C. Fertilizer		
D. Seed		
6. Other		

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	<u>Amount</u>	<u>Type</u>	<u>Date Posted</u>
Present Bond	<u>\$140,637.58</u>	<u>Contract</u>	<u>10/16/80</u>

RECEIVED

MR FORM 3
Page 10

FEB 04 1985

DIVISION OF OIL
GAS & MINING

Increased disturbance, if any:

none

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

<u>Acres</u>	<u>Bond Amount Released</u>	<u>Date</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
- (b) Other special conditions (status).

RECEIVED

FEB 04 1985

DIVISION OF OIL
GAS & MINING

APPENDIX I

ANNUAL REPORT MAPS

1. Maps must be clear and legible contour maps or recent aerial photos. The scale should be 1 inch = 500 feet to adequately show topographic features.
2. Map sheets should be of a reasonable size, not to exceed 48 inches on a side.
3. Maps must have a title block with:
 - A. Map title.
 - B. Name and address of permittee.
 - C. Permit and amendment numbers.
 - D. Annual report period.
 - E. Scale, north arrow, contour interval, date of photography, etc.
4. All maps must show:
 - A. Legal subdivisions.
 - B. Permit area boundary clearly shown and labelled.
 - C. Amendment areas clearly shown and labelled.
 - D. Contour features.
5. The following features should all be clearly identified:
 - A. Topsoil stockpiles (numbered and with volumes).
 - B. Settling ponds and sediment control structures.
 - C. Haul roads.
 - D. Pits identified by location, name, number, etc.
 - E. Ramps (numbered).
 - F. Out-of-pit spoil dumps.
 - G. All waste disposal sites including, but not limited to:
 1. Landfill sites.
 2. Carbonaceous waste dumps.
 - H. Diversion ditches.
 - I. Monitoring sites.
6. All areas to be affected by mining and reclamation in the coming year should be outlined and labelled.

MR Form 3
(Revised 1984)

RECEIVED
FEB 05 1986

**DIVISION OF
OIL, GAS & MINING**

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year 1/85
to Month/Year 12/85

(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

OPERATOR: Plateau Resources Limited MINE NAME: Tony M/Lucky Strike

ADDRESS: NBU 11 (Note New Address)
Ticaboo, UT 84734

PERMIT NUMBER AND DATE OF PERMIT: ACT/017/001

REPRESENTATIVE: Susan Pentico

SECTION(S): 8,16,17 & 21 TOWNSHIP(S): T35S RANGE(S): R11E SLB&M

MINERAL(S) MINED: Uranium

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: Section 16 is Utah State Metalliferous Lease No. 31862.

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: _____

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

RECEIVED

OFFICE OF THE
DIRECTOR OF THE
BUREAU OF THE
CENSUS

<u>Disturbance</u>	<u>Acreage</u>
Pit	-0-
Roads	-0-
Facilities	-0-
Waste Dumps	-0-
Other	-0-

(b) Tabulation of acreage affected to date (by years).

<u>Date by Year</u>	<u>Acreage (Total)</u>	
1975	-0-	1984 -0-
1976	-0-	1985 -0-
1977	-0-	
1978	-0-	
1979	< 1	
1980	< 1	
1981	< 1	
1982	< 1	
1983	< 1	

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

Area Affected (in mining sequence) (If more space is needed, please attach.)	<u>Area</u>			
	<u>1</u>	<u>2</u>	<u>3</u>	<u>etc.</u>
Acreage of Area			N/A	
Depth of Topsoil Removal (inches)			N/A	
Depth of Topsoil Replacement (inches)*			N/A	
Estimate of Topsoil Volume Salvaged (yd ³ or ac ft)			N/A	
Volume Actually Salvaged (yd ³ or ac ft)			N/A	
Volume Required for Reclamation (yd ³ or ac ft)			N/A	
Surplus or Deficit Volume (yd ³ or ac ft)			N/A	
Storage Status (short- or long-term).			N/A	

Soil Tabulation Chart (continued)

Area Affected (in mining sequence)	Area			
	1	2	3	etc.
Storage Location				
Area Where Soil Has Been Used (if not stored)				
Running Total (all stockpiles) (yd ³ or ac ft)				
Short-term				
Long-term				

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
	N/A	

(e) Tabulation of quantity of commodity mined.

	<u>Commodity</u>	<u>Tonnage</u>
(Mined)	-0-	
(Milled)	-0-	

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

1. Buildings and support facilities.

N/A

2. Roads.

N/A

3. Diversion ditches, collector ditches, interceptor ditches, etc.

N/A

4. Culverts.

8' galvanized culvert under the road above the mine
and a 6' galvanized culvert under road below the mine.
Both areas already had culverts; additions were made to
help control the water and prevent road washout.

5. Sediment ponds, containment ponds.

N/A

6. Monitoring sites (vegetative, air quality, surface subsidence,
surface water or ground water, etc.).

N/A

7. Topsoil stockpiles.

N/A

(g) Description of any environmental problem areas with a proposed plan
for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.

N/A

2. Subsidence.

N/A

3. Accidental water discharge, dam failure, etc.

N/A

4. Slumping, sliding or erosion.

N/A

5. Revegetation problem areas.

N/A

6. Existence and location of unsuitable (toxic) overburden.

N/A

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

Area

Acreage

Old Mine Dewatering Pond.

3.6

2. Topsoiled areas.

Area

Acreage

N/A

3. Seeded areas.

<u>Area</u>	<u>Acreage</u>
Old Mine Dewatering Pond	3.6

4. Reseeded areas (areas previously seeded, then seeded again).

<u>Area</u>	<u>Acreage</u>
N/A	

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

<u>Year</u>	<u>Acreage</u>
1975	-0-
1976	-0-
1977	-0-
1978	-0-
1979	-0-
1980	-0-
1981	3.2
1982	-0-
1983	-0-
1984	-0-

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.
1 ft.

2. Type of seed (species) used for seeding during the report period.
 Nettle Saltbush, Shadscale, Mat Saltbush, Indian Ricegrass,
 Gooseberry Leaf Globe Mallow, Alkali Sacaton

3. Date of seeding during the report period.

Spring _____

Fall 11/19/85

4. Seeding procedures used.

(Hand broadcast or drilled or any other).
Hand broadcast

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)

Nettle Saltbush - 3.5 PLS, Shadscale - 2.5 PLS, Mat Saltbush - 2.5 PLS,
Indian Ricegrass - 4.0 PLS, Gooseberry Leaf Globe Mallow - 1.0 PLS,
Alkali Sacaton - 3.0 PLS

6. Type and rate of fertilizer applied.
N/A

7. Type and rate of mulch applied.
N/A

8. Rate of irrigation water applied, if any. Please describe any
type of sprinkling, or water applied (water truck, etc.).
N/A

9. Revegetation test plot information.

(Cover, density, productivity, etc.)
N/A

10. Soil analysis results.

N/A

(d) Description of results of previous revegetation efforts, including:
(This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.
Indian Ricegrass

2. Types (species) of seed that are not growing successfully.
N/A

3. Areas experiencing problems with weeds and weed types.
N/A

4. Significant erosional problems.
N/A

5. Areas of unsuitable overburden on the surface as related to
revegetation failure.
N/A

6. Procedures used or proposed to correct these problems.
N/A

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
	N/A	

8. Results of soil analysis.

	N/A

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

	<u>Acres</u>	<u>Cost/Acre</u>
	This information is unavailable.	
1. Grading		
2. Backfilling		
3. Contouring		
4. Topsoil Replacement		
5. Seeding		
A. Seedbed Preparation		
B. Mulch		
C. Fertilizer		
D. Seed		
6. Other		

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	<u>Amount</u>	<u>Type</u>	<u>Date Posted</u>
Present Bond	\$ <u>140,637.58</u>	<u>Mined Land</u> <u>Reclamation</u> <u>Bond</u>	<u>10/16/80</u>

Increased disturbance, if any:

N/A

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

<u>Acres</u>	<u>Bond Amount Released</u>	<u>Date</u>
	N/A	

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
- (b) Other special conditions (status).